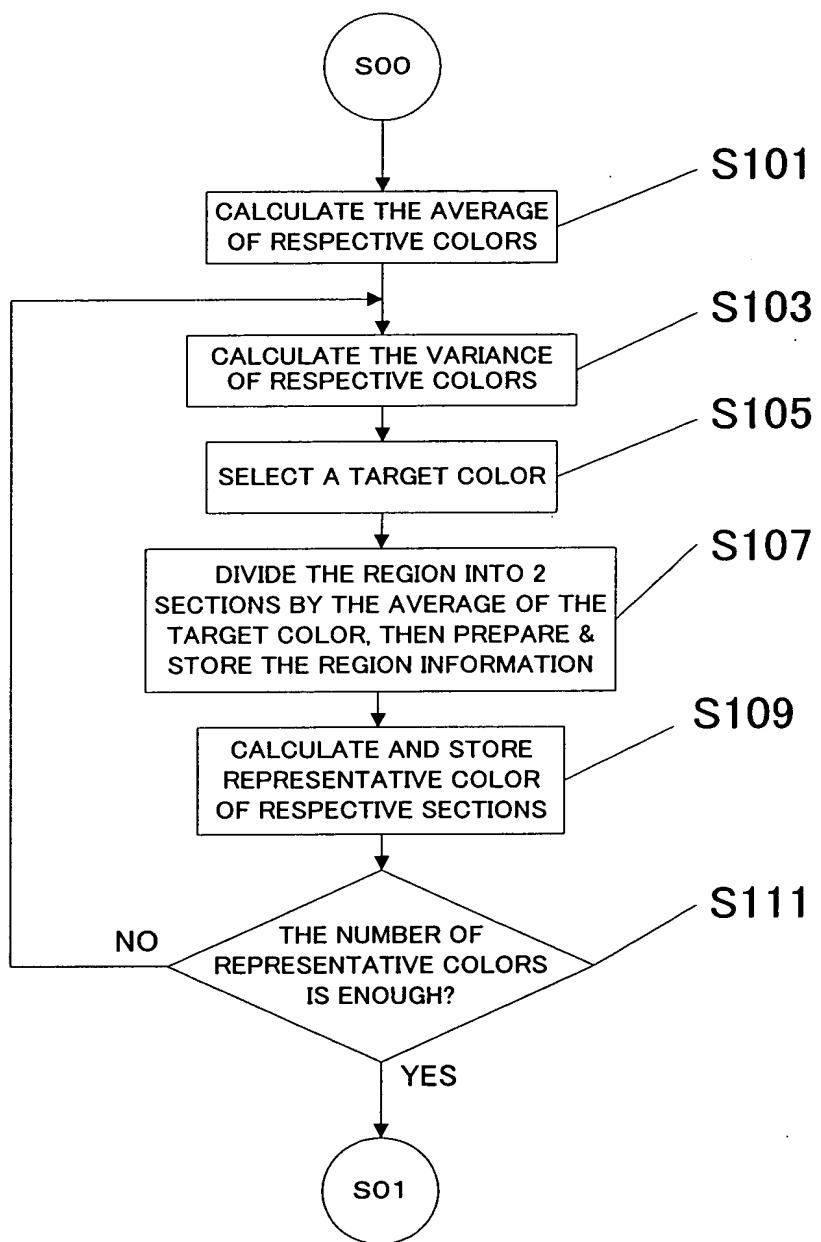
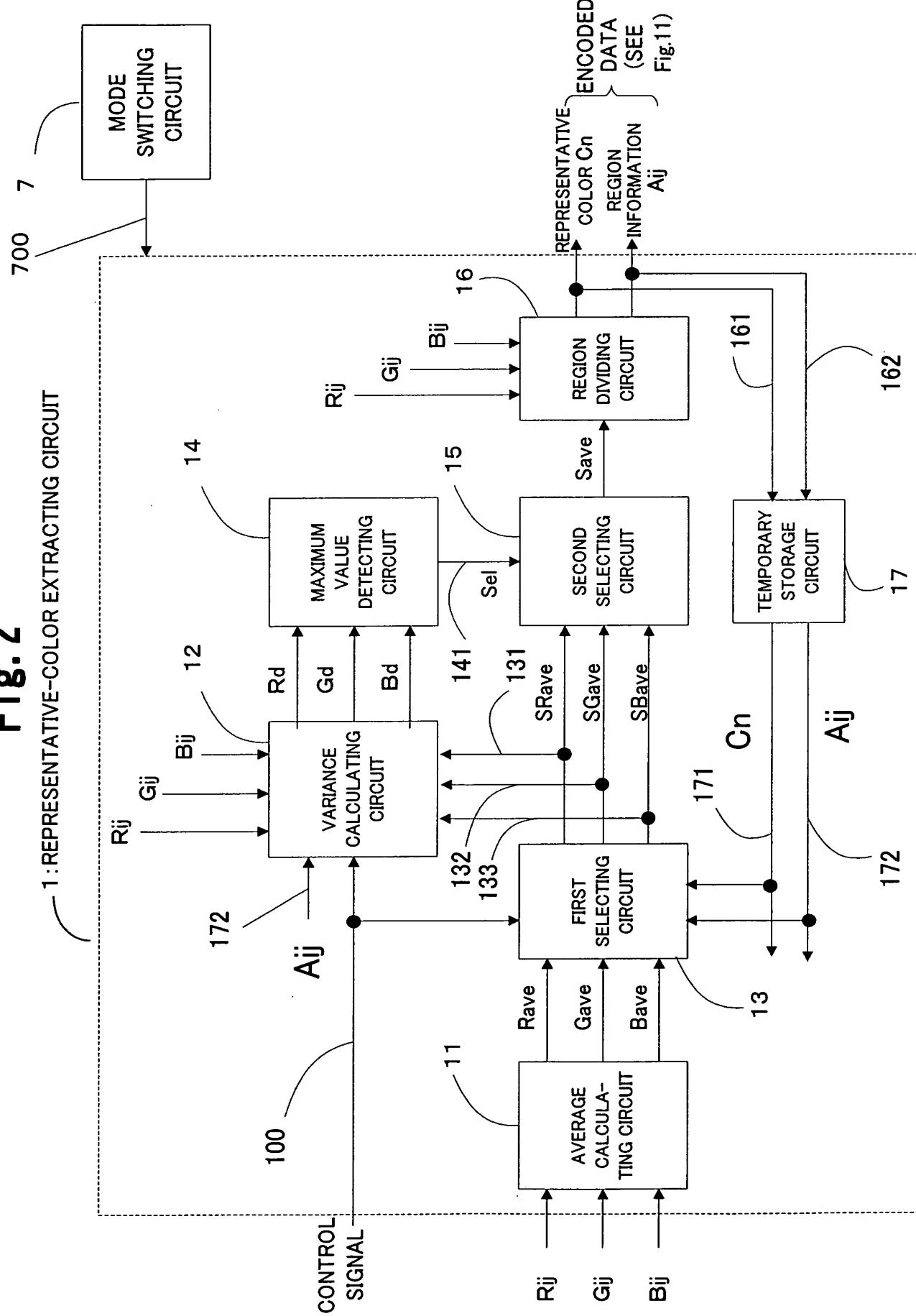


Fig. 1



09363065 - 052901

**Fig. 2**  
1:REPRESENTATIVE-COLOR EXTRACTING CIRCUIT



**Fig. 3**

| (a)<br>INPUT DATA                                      | (b)<br>AVERAGE         | (c)<br>VARIANCE        | (d)<br>SELECTED<br>VALUE | (e)<br>REGION INFORMATION $A_{ij}$   | (f)<br>REPRESENTATIVE<br>COLOR $C_n$  |
|--|------------------------|------------------------|--------------------------|--|---|
| <b>R<sub>ij</sub></b>                                  | <b>R<sub>d</sub></b>   |                        |                          | $\begin{array}{c} \rightarrow i \\ \downarrow j \end{array}$   |   |
| 14 15 13 12<br>13 13 12 11<br>12 10 12 9<br>12 11 10 8 | <b>R<sub>ave</sub></b> |                        |                          | $\begin{array}{c} 502 \\ 504 \end{array}$  | $\begin{array}{l} \text{IF } A_{ij} = 1, \\ C_{ij} = C_1. \end{array}$  |
|  | <b>R<sub>d</sub></b>   |                        |                          | $\begin{array}{c} 501 \\ 503 \end{array}$  | $\begin{array}{l} \text{IF } A_{ij} = 0, \\ C_{ij} = C_0. \end{array}$  |
| <b>G<sub>ij</sub></b>                                  | <b>G<sub>d</sub></b>   | <b>G<sub>ave</sub></b> | <b>Save</b>              | $\begin{array}{c} 10.3125 \\ 10.3125 \end{array}$  | $\begin{array}{l} C_1 = (R_a, G_a, B_a) \\ R_a = 13(12.6) \\ G_a = 12(11.9) \\ B_a = 10(10.4) \end{array}$          |
| 14 12 11 11<br>13 12 12 10<br>12 11 8 9<br>11 9 5 5    |                        |                        |                          |  | $\begin{array}{l} C_0 = (R_b, G_b, B_b) \\ R_b = 10(10.16667) \\ G_b = 8(7.66667) \\ B_b = 9(8.833333) \end{array}$ |
| <b>B<sub>ij</sub></b>                                  | <b>B<sub>d</sub></b>   | <b>B<sub>ave</sub></b> | <b>Save</b>              | $\begin{array}{c} A_{ij}=0. \\ \text{IF } G_{ij} <= \text{Save}, \\ \text{IF } G_{ij} > \text{Save}, \\ A_{ij}=1. \end{array}$ |   |
| 10 12 10 9<br>12 12 9 7<br>11 9 8 9<br>10 12 7 10      |                        |                        |                          |  | $\begin{array}{l} \text{WHERE } ij:0 \sim 3 \end{array}$  |

**Fig. 4**

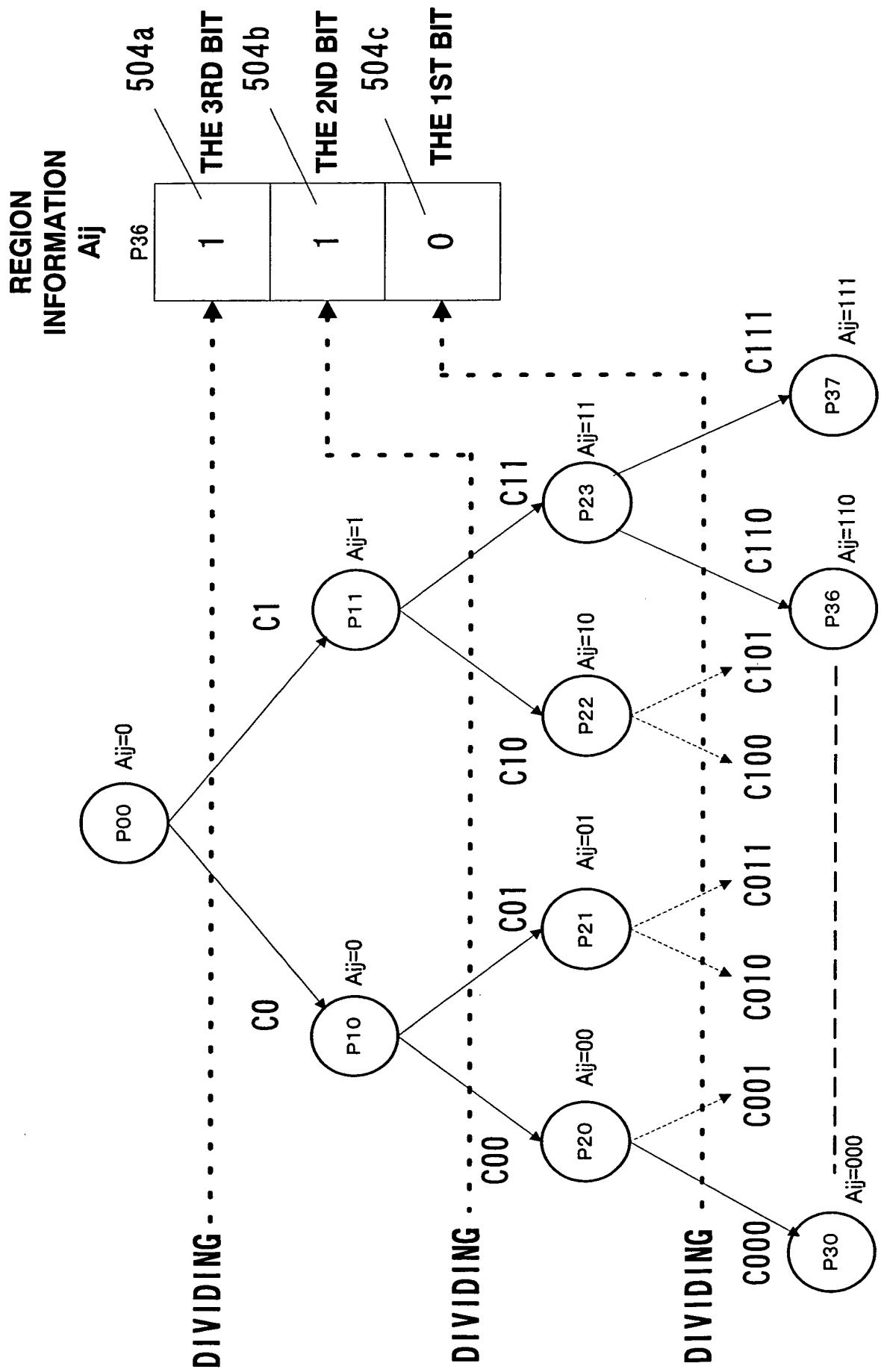


Fig. 5

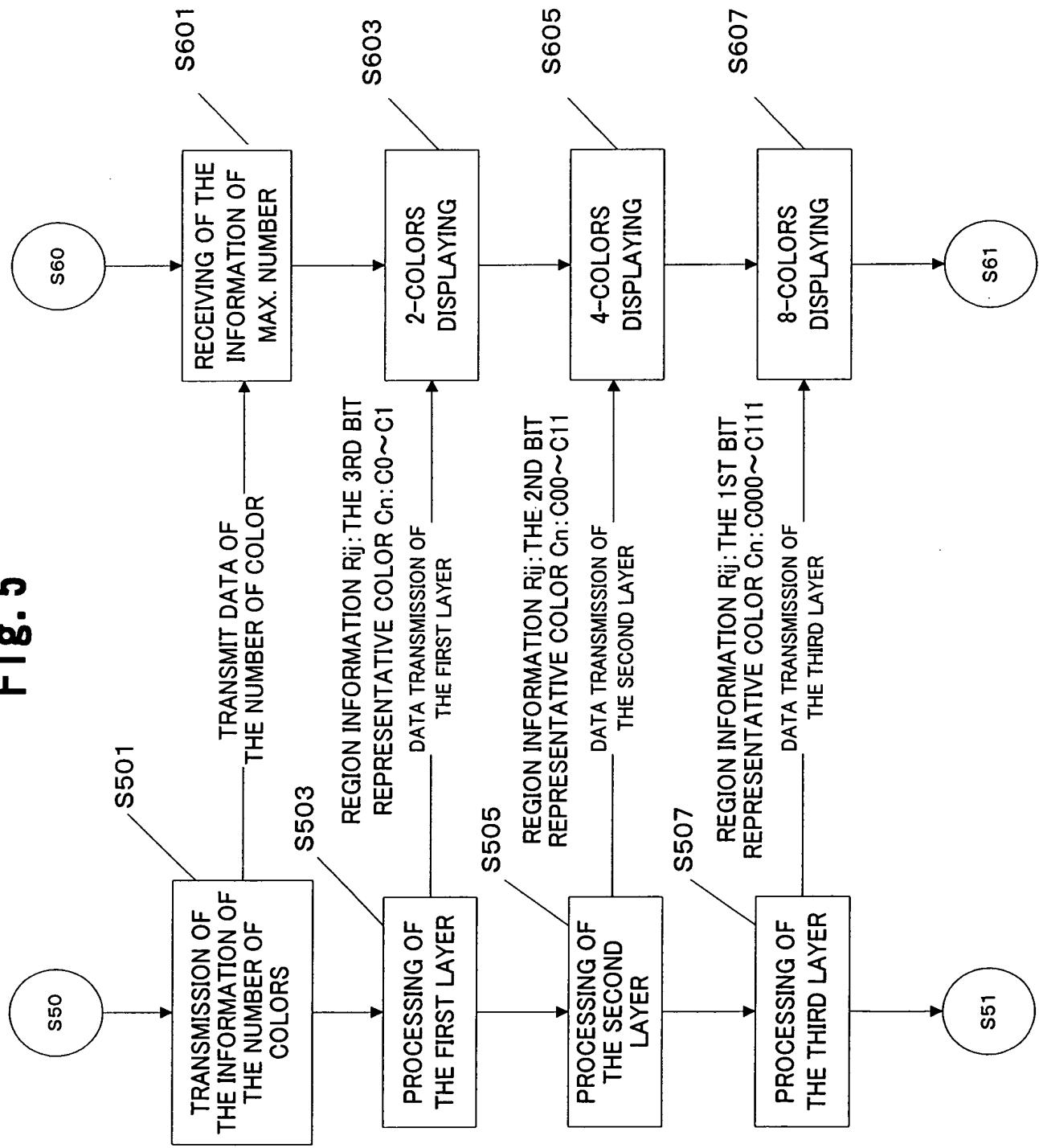


Fig. 6

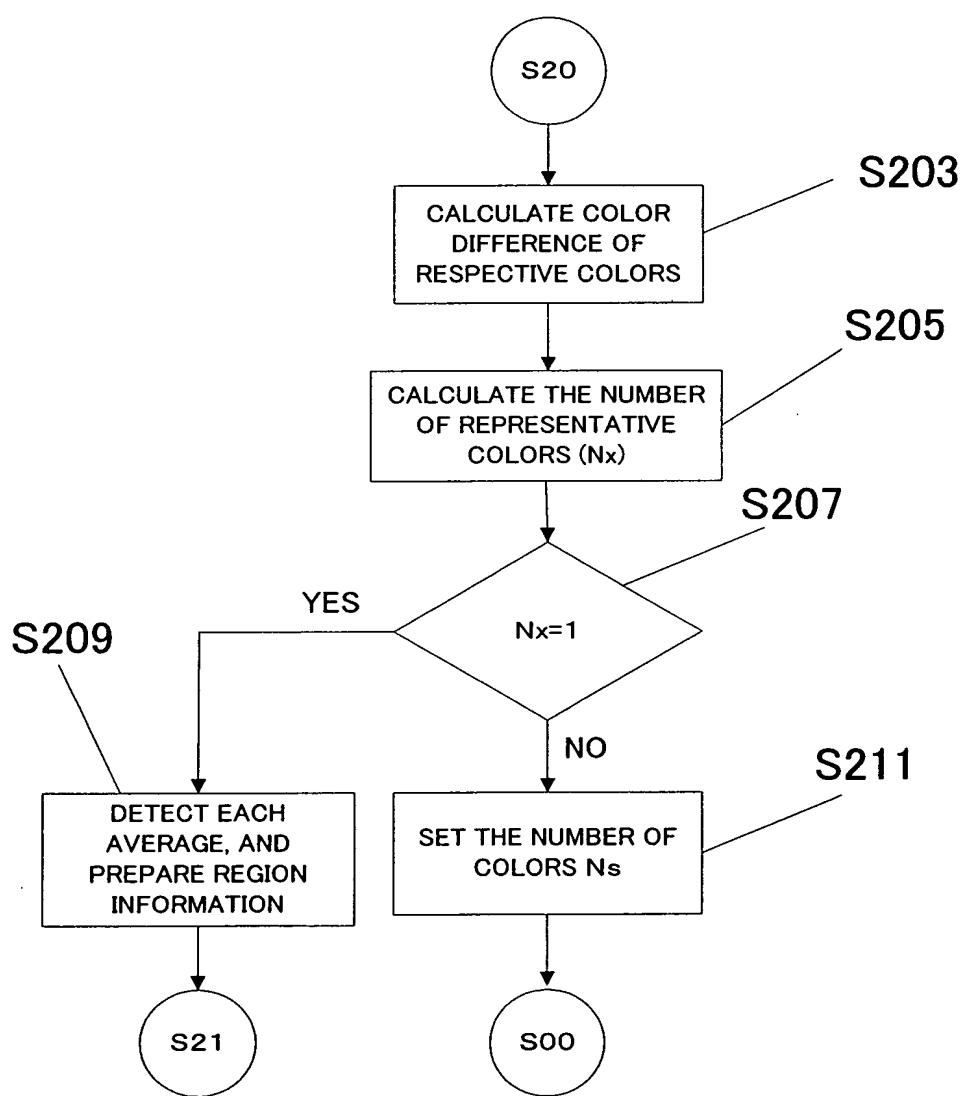
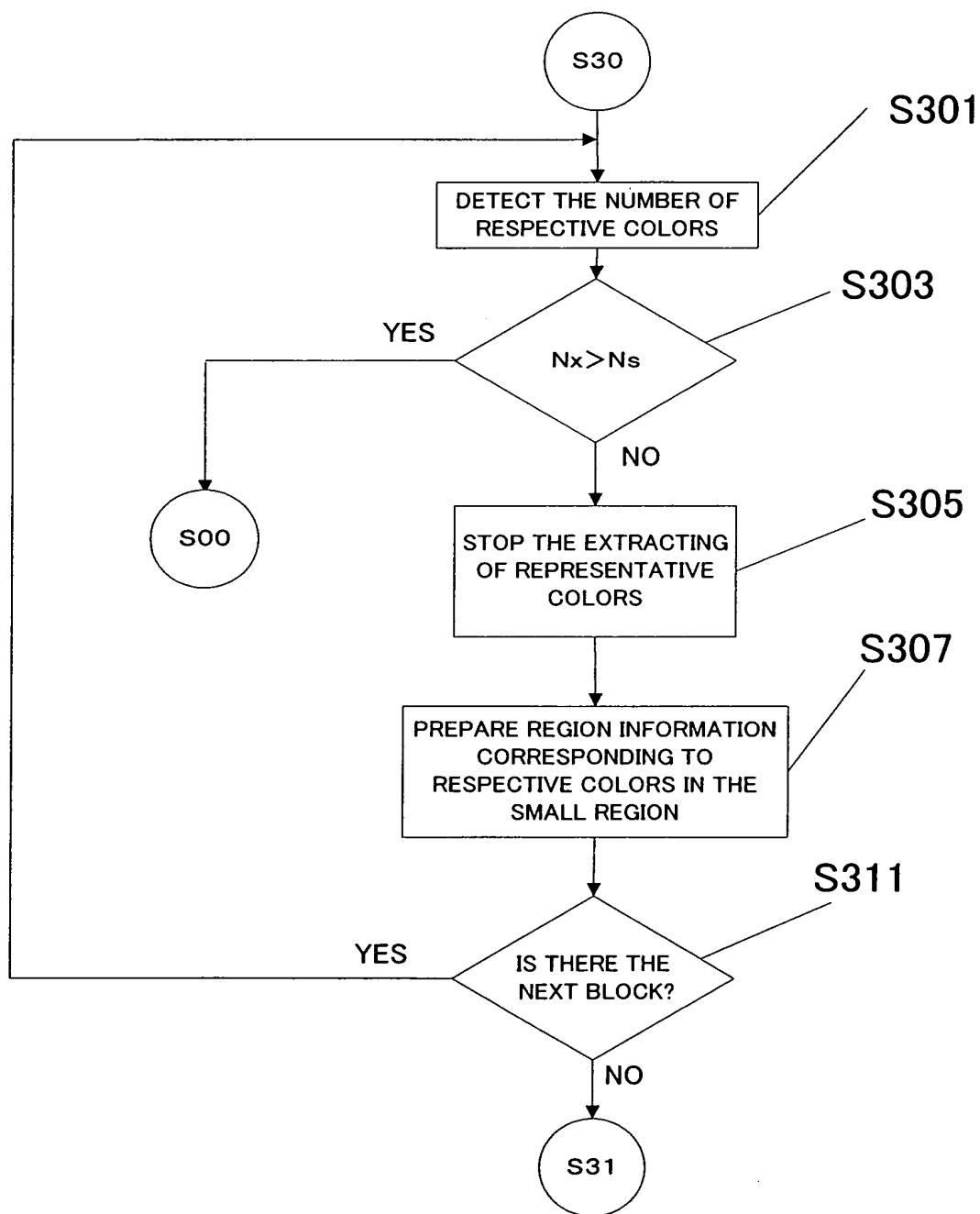


Fig. 7



**Fig. 8**

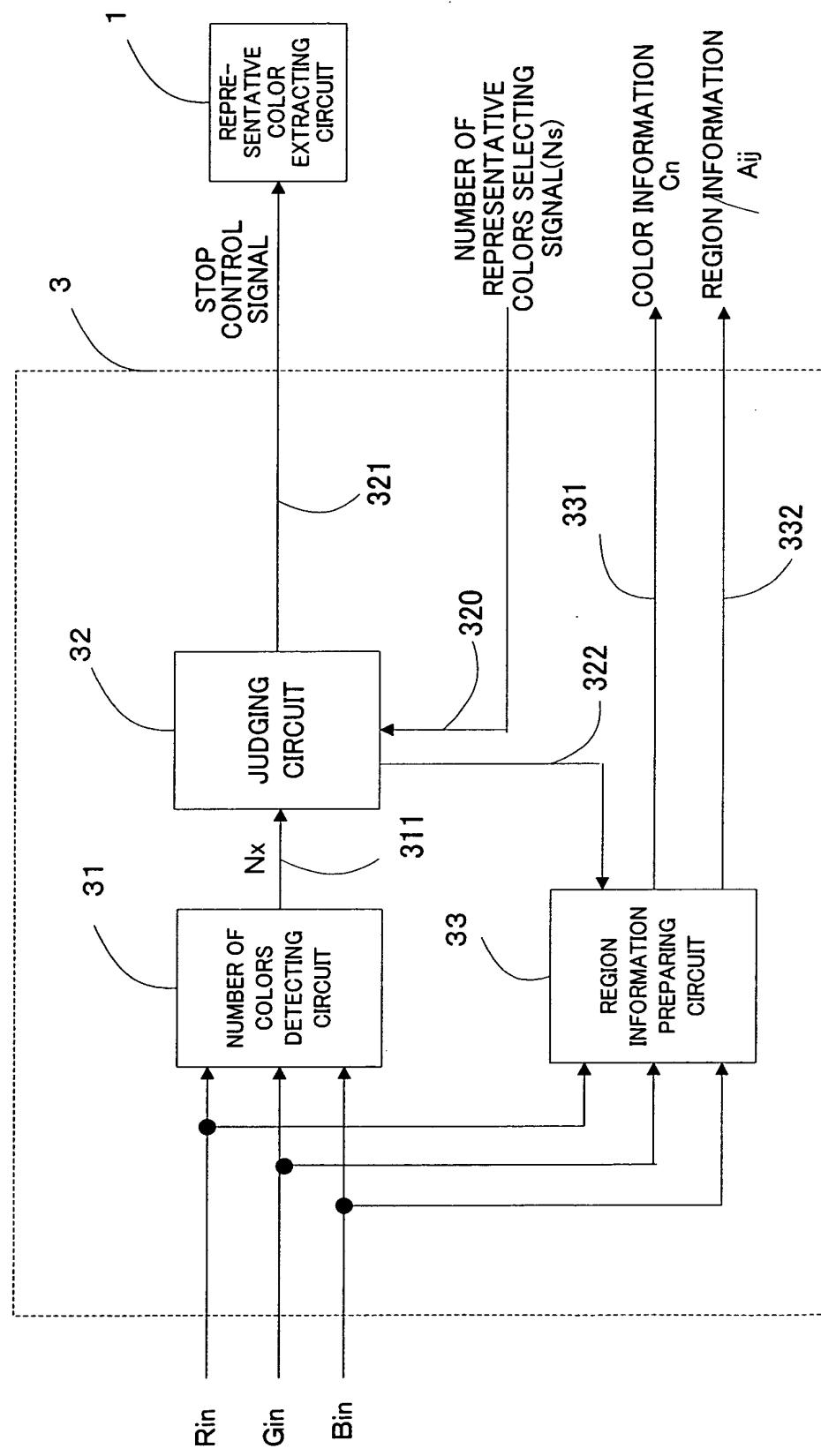
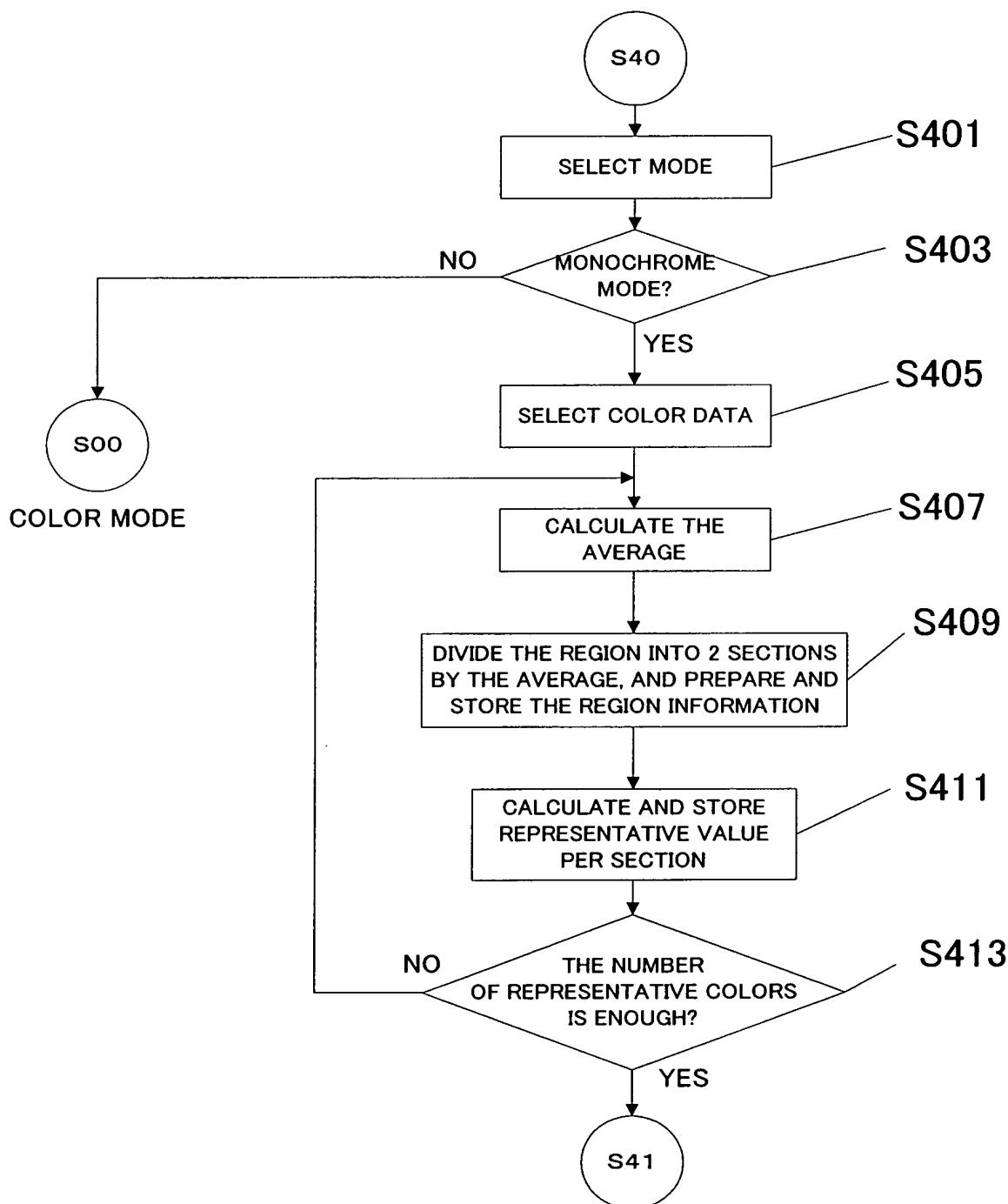
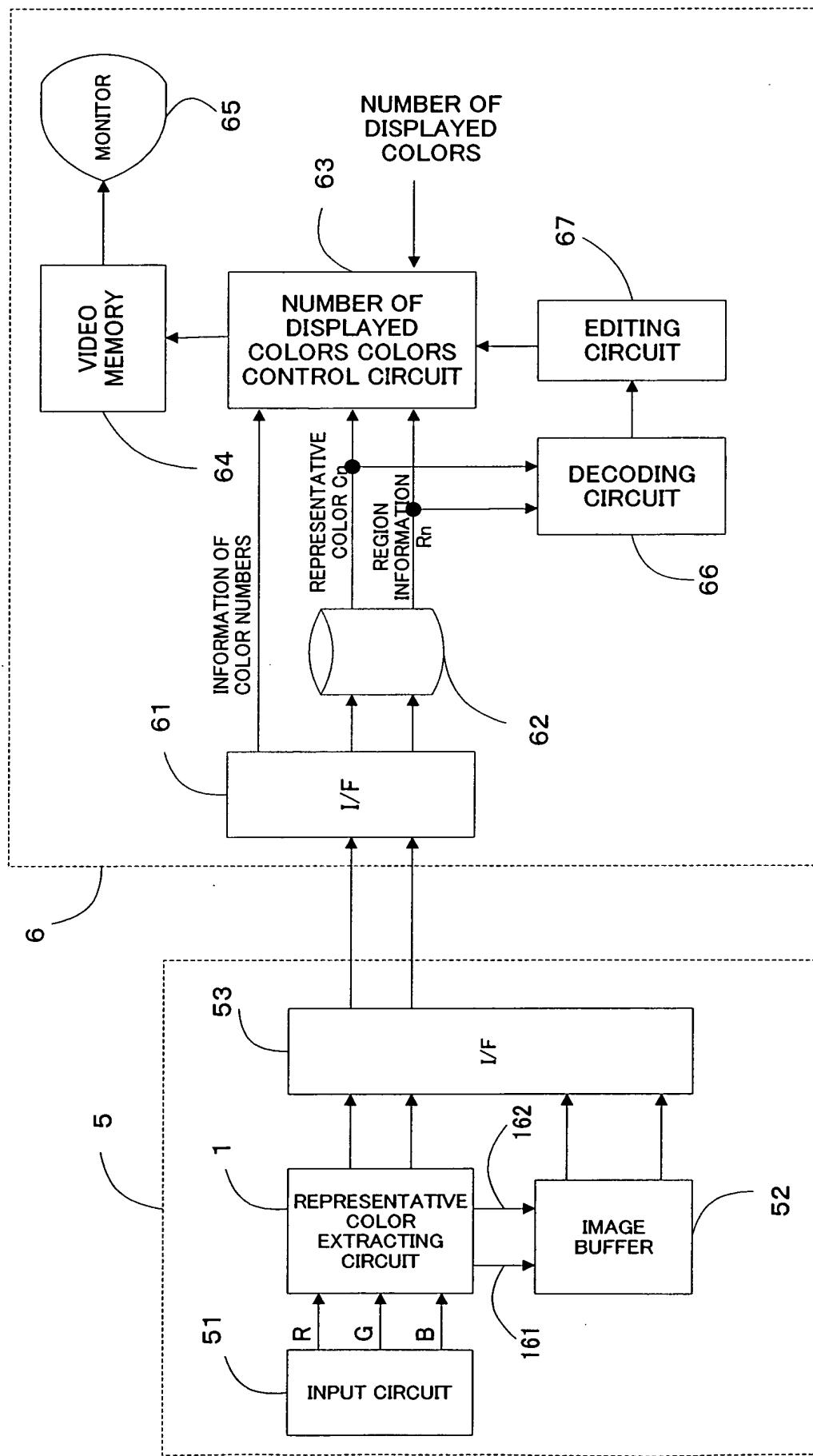


Fig. 9



0981630655-0981630655

10



**Fig. 11**

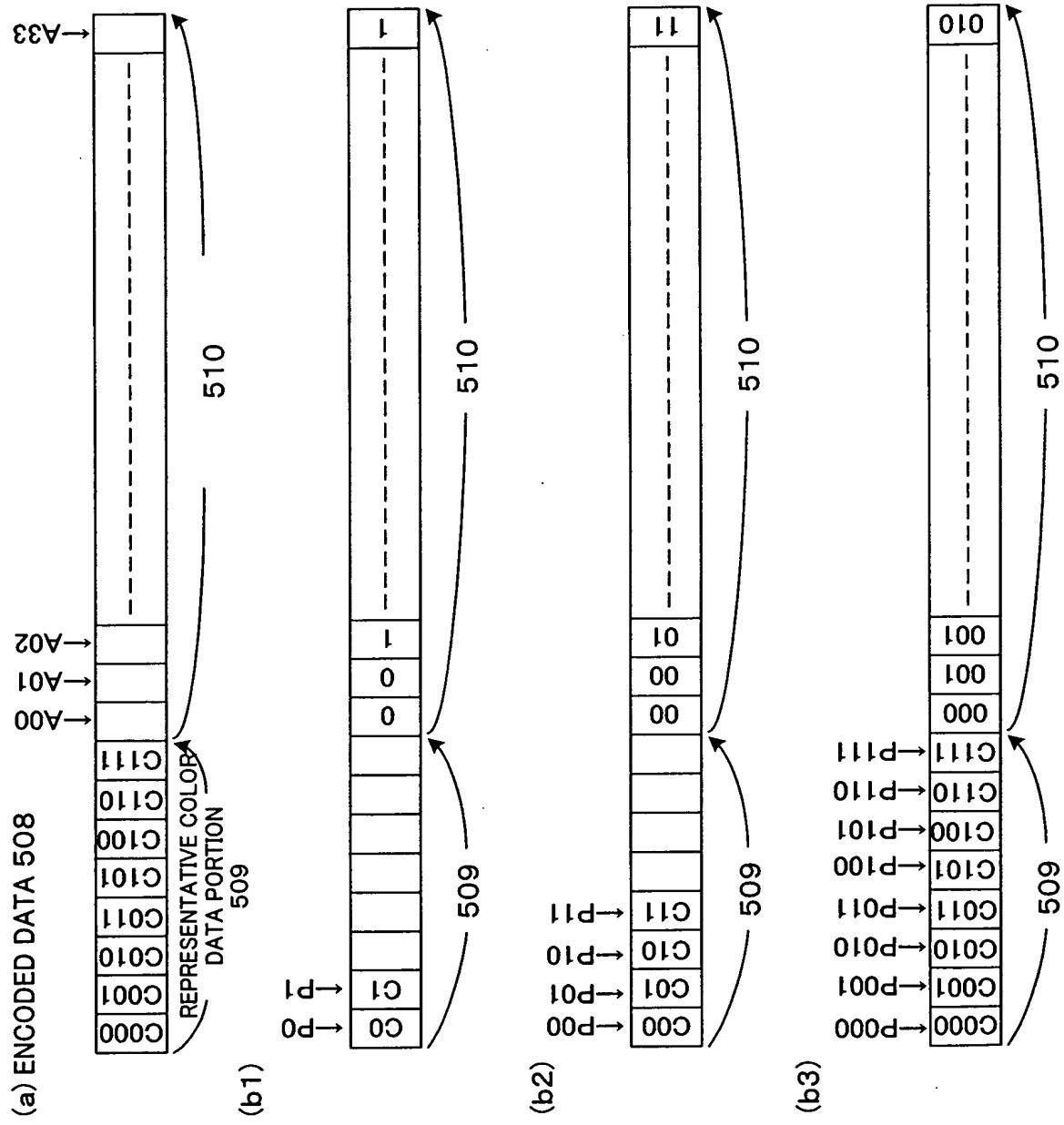
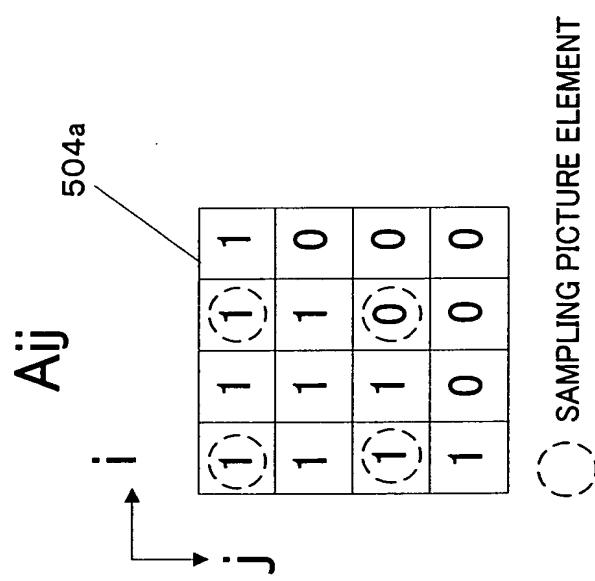


Fig. 12



13  
Elo

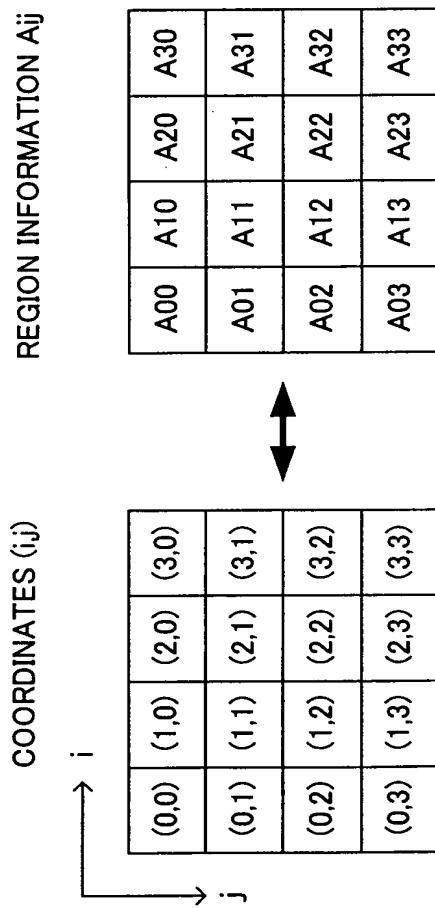
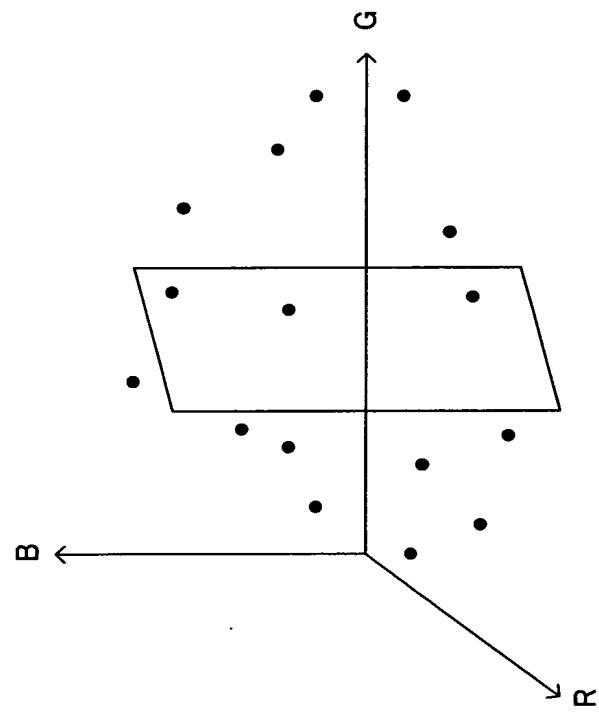


Fig. 14



**Fig. 15 PRIORITY ART**

